

Universal Joint Task List (UJTL)

29 June 2005

**Update ...and Metadata-tagging
approach**

Chess Harris, 757-275-1052/676-8305 charris@camber.com

Agenda

The UJTL...

- **Evolving role in enterprise processes**
- **Status on UJTL 5.0**
- **Key activities over next year**
- **Joint Capability Area mapping**

UJTL 6.0

- **Capabilities-based taxonomy**
- **Metadata-tagging concept**
- **Joint Lessons Learned implications**

Summary

UJTL Vision

The UJTL will provide a **database of tasks** in a common language, to serve as a **tool that will provide a foundation for capabilities-based processes** -- joint operational planning, joint force development, readiness reporting, experimentation, joint training and education, capabilities description, and lessons learned -- that support the Joint Forces across the range of military operations.

Evolving role in Enterprise processes ... today

- Uses UJTL as “library of tasks” to define mission requirements
- Output is UJTL-based JMETL, used to prioritize training requirements and assess unit readiness in DRRS

Joint Training System (JTS)

- Through ESORTS to JDEIS link, DRRS documents task-centric assessments based on UJTL
- “Add task” function will soon link with the UJTL change process in JDEIS

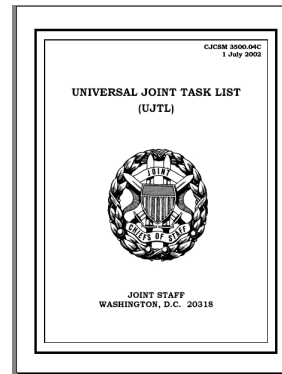
Defense Readiness Reporting System (DRRS)

- Focuses on capabilities required for mission
- Uses JCA mapping framework ... linked to UJTL Task templates
- Apply METT-T, deselect capabilities not needed
- Use DRRS to identify UIC-level readiness by capability or task
- Refine concept using JCA and UJTL language; assign/allocate appropriate forces

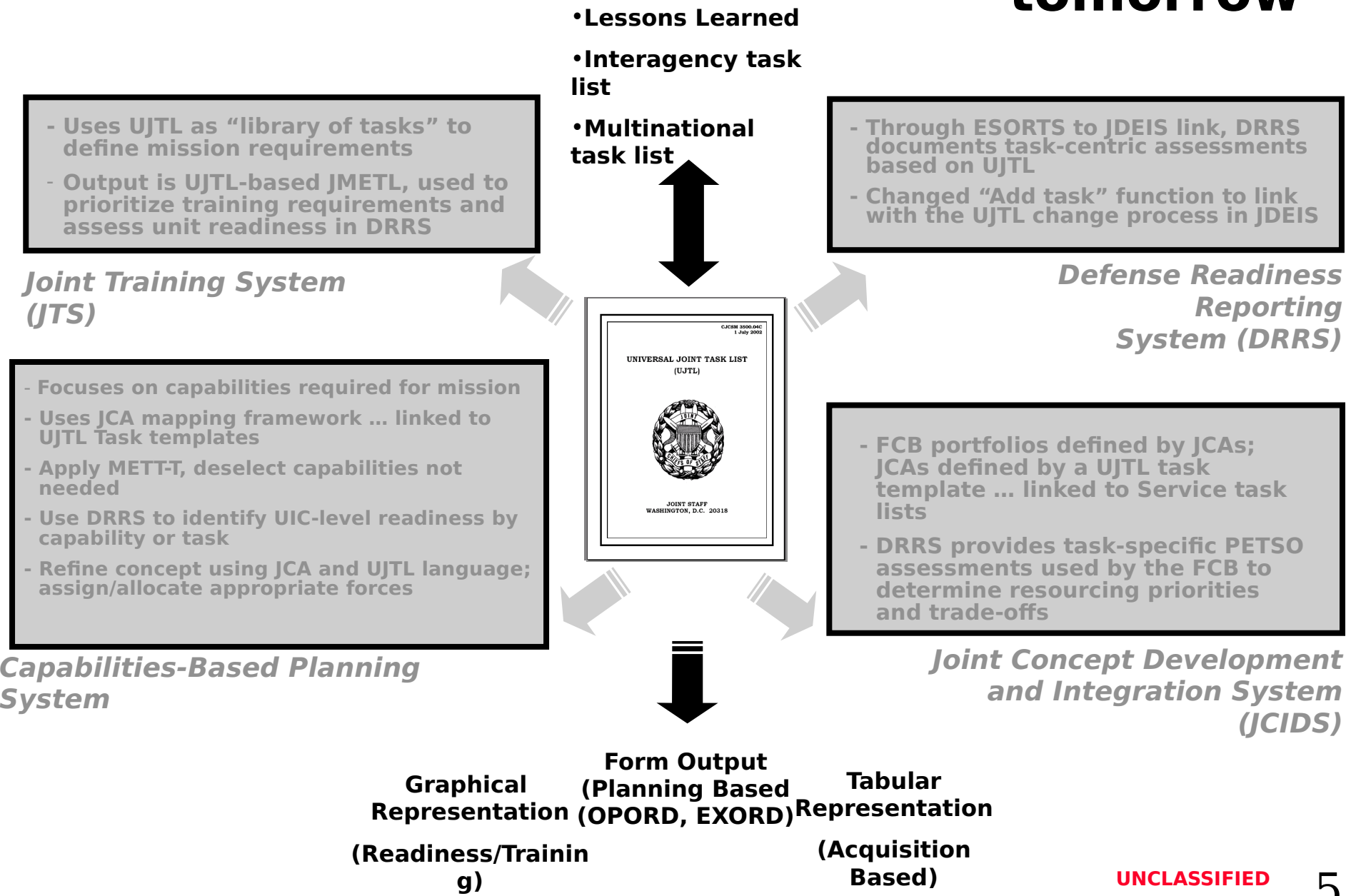
Capabilities-Based Planning System

- FCB portfolios defined by JCAs; JCAs defined by a UJTL task template ... linked to Service task lists
- DRRS provides task-specific PETSO assessments used by the FCB to determine resourcing priorities and trade-offs

Joint Concept Development and Integration System (JCIDS)



Evolving role in Enterprise processes ... tomorrow



Key activities over next year

FY05

FY06

Tactical fight

Aug

Jul

Operational fight

Nov

Sept

Strategic fight

Nov

- ★ **Formally define key terms** (MORS ...capability, effect, task...)

- Update UJTL templates with TA tasks

- Implement UJTL 5.0

- ★ **Activate UJTL Business Rules** Specify JTF HQ template

- Establish objectives for UWP2

- Draft OPR, SMO and SME linkage for UJTL capability categories

- Confirm JCA Tier I definitions

- ★ **Approve Categories for UJTL 6.0 taxonomy**

- Relate UJTL 6.0 taxonomy to JCAs to UJTL tasks and role of JFCOM JTRAT

- Confirm UJTL 6.0 metadata tag construct

- **Confirm JDEIS integration of UJTL 6.0 taxonomy and metadata-tag construct**

- Convene UWP-2

- **Integrate JDEIS UJTL change function into DRRS**

- Map JCAs to UJTL

- Demonstrate use of UJTL metadata tag templates to support operational planners, resource managers, concept developers, and force planners

- **Conduct IO campaign:**

- Value of JCA and UJTL linkage to joint force

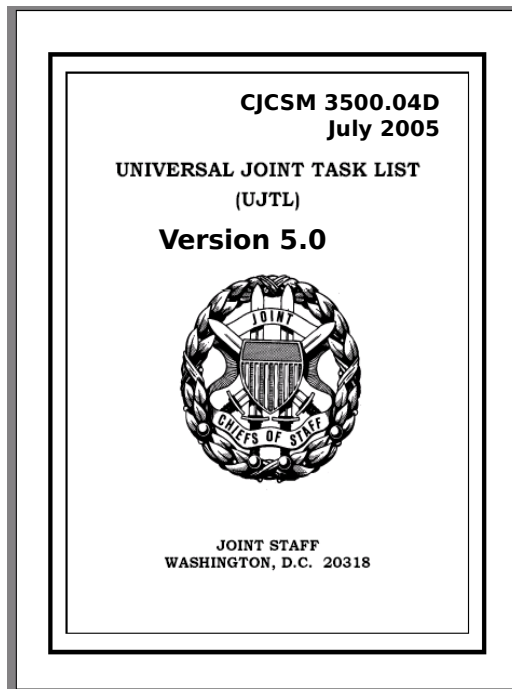
- Transition from UJTL to UCL

- Integrate DHS and NATO Task framework into UCL

Decisive Points

UJTL status

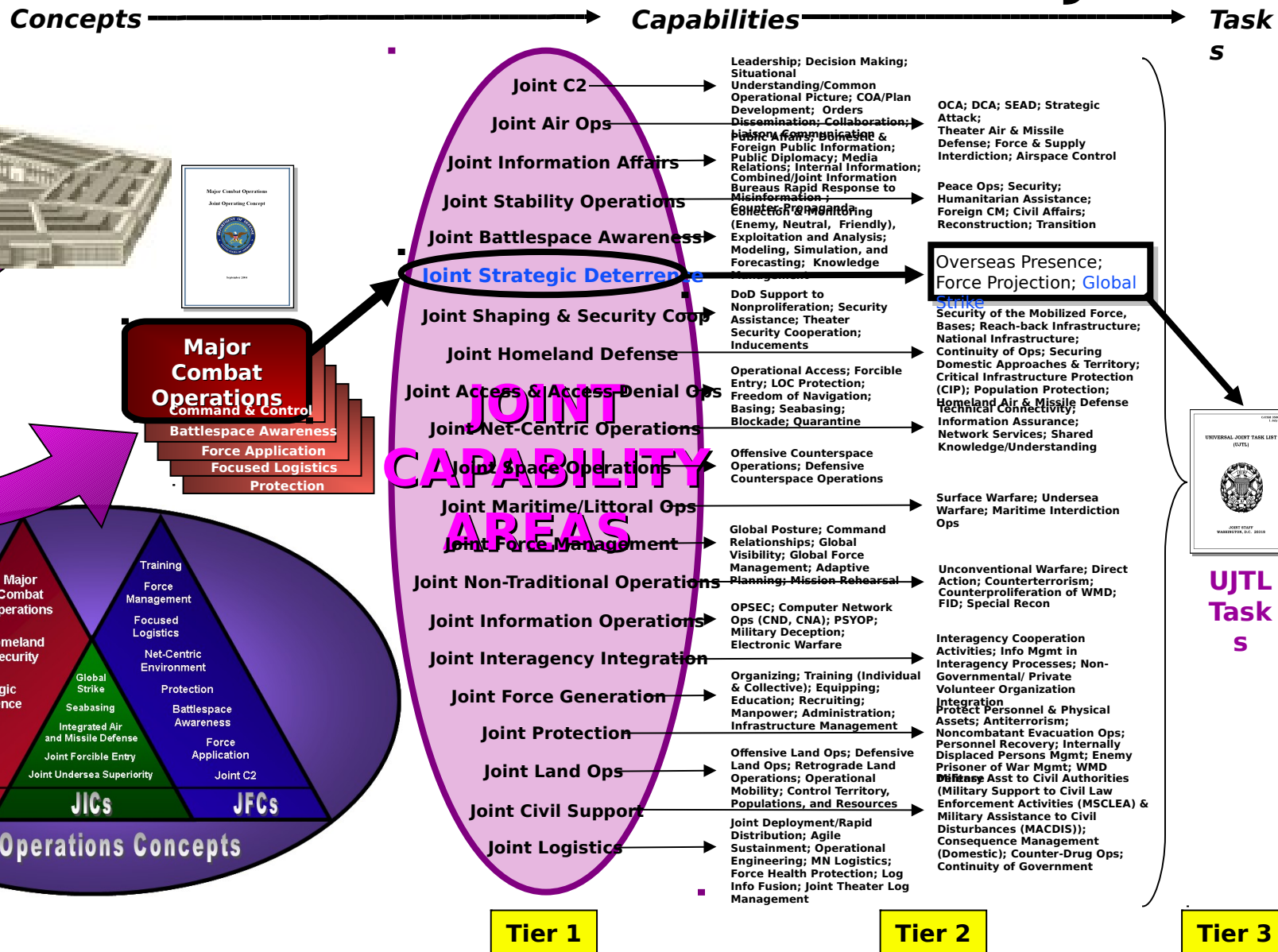
- **UJTL 5.0, CJCSM 3500.04D at J7 for final review/DJS signature - publish July 05**
 - Automates UJTL access and use
 - Activates business rules
 - Establishes UJTL Working Party
 - Begins transition to capabilities-based concepts
 - Incorporates 142 new candidate UJTL tasks submitted by COCOMs and CSAs
- **JDEIS - July 05**
 - Migrating to SIPRNET to support DRRS and other Department enterprise functions
 - Limited capability remains on NIPR/Internet
- **Interagency - on going**
 - Direct engagement with DHS relating their tasks/capabilities to UJTL framework
 - Supporting TIM2 initiatives
- **Aussie and NATO - expanding dialogue**



What's this JCA business?

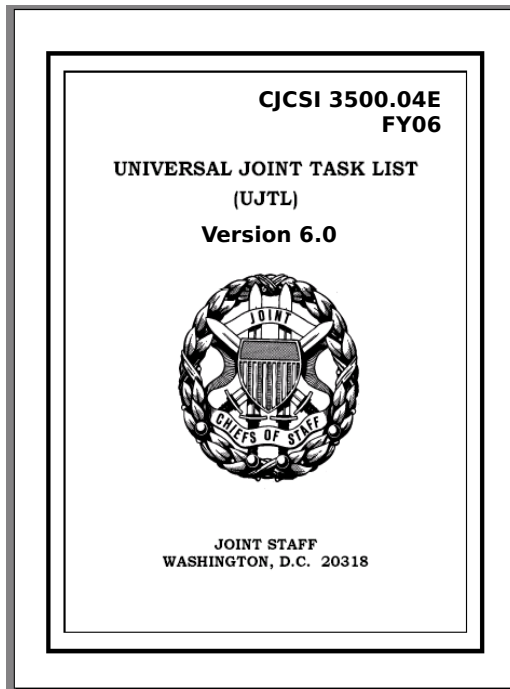
- **JROC approved 21 Tier 1 JCAs and 122 Tier 2 Capabilities ...**
 - **Supported Mar 04 SPG tasking:** “identify, organize and prioritize capabilities required for the Defense Strategy.” (S: 30 Jan 05)
 - **“The way ahead** for the management, continued development, and implementation of Joint Capability Areas across the Department “
- **JROC outcome:**
 - **Identifies the Joint Capability Areas** as central to the Department's transition to Capabilities-Based Planning (CBP)
 - **Designates CJCS** as the proponent for the management and continued development of the Joint Capability Areas...J7 JS lead for JCAs
 - **Directs COCOMs**, Services, and OSD to begin implementation as appropriate across the Department
- **Chief Tank session approves JCAs ...7 March 05**
- **Joint Staff JCA “Way Ahead Conference” in DC ...25-27 April 05**
- **SecDef Implementation directive ... 6 May 05**

Transformation: JCA Tiers and the UJTL



* The UJTL provides the foundation for detailing the activities required to execute Joint Force Capability Areas.

UJTL 6.0 core concepts



- **Transition to a capabilities-based taxonomy**
- **Apply metadata-tagging framework**
- **Expand operational capability templates to include new UJTL and TA-level tasks**
- **Incorporate TA-level task link to JFCOM JTRAT Service templates**

UJTL 6.0 capabilities-based taxonomy

A common functional alignment for the UJTL that will establish a common framework across Joint and Defense enterprise processes

<i>UJTL Functional Area</i>	<i>FCB Link</i>	<i>Task area character</i>	<i>Supporting Joint Pub linkage</i>
Command and Control	Command and Control	C2 00	0-2
Force Management	Force Management	FM 10	1-0, 5-0
Battlespace Awareness	Battlespace Awareness	BA 20	2-0
Force Application	Force Application	FA 30	3-0
Logistics	Focused Logistics	FL 40	4-0
Force Protection	Force Protection	FP 30	3-0
Net Centric Operations	Net Centric Operations	NC 60	6-0

Why this reorganization?

Organize the UJTL the way we teach, train, and fight ... we synchronize functional capabilities to achieve operational effects

JTF 536 UNIFIED ASSISTANCE for Tsunami relief

- JTF JMETL has SN, ST, OP, and TA-level tasks
- Intuitively we associate OP-level tasks uniquely with JTF operations
- JMETL reflects functional requirements of the organization, not the activities that may be associated with a level of war

Implication: UJTL Task naming and number convention should originate with functional capability alignment

Duplications with current UJTL level-of-war focused taxonomy

[SN 1.1.3](#) Determine possible closure times

[ST 1.1.2.5](#) Estimate theater closure time

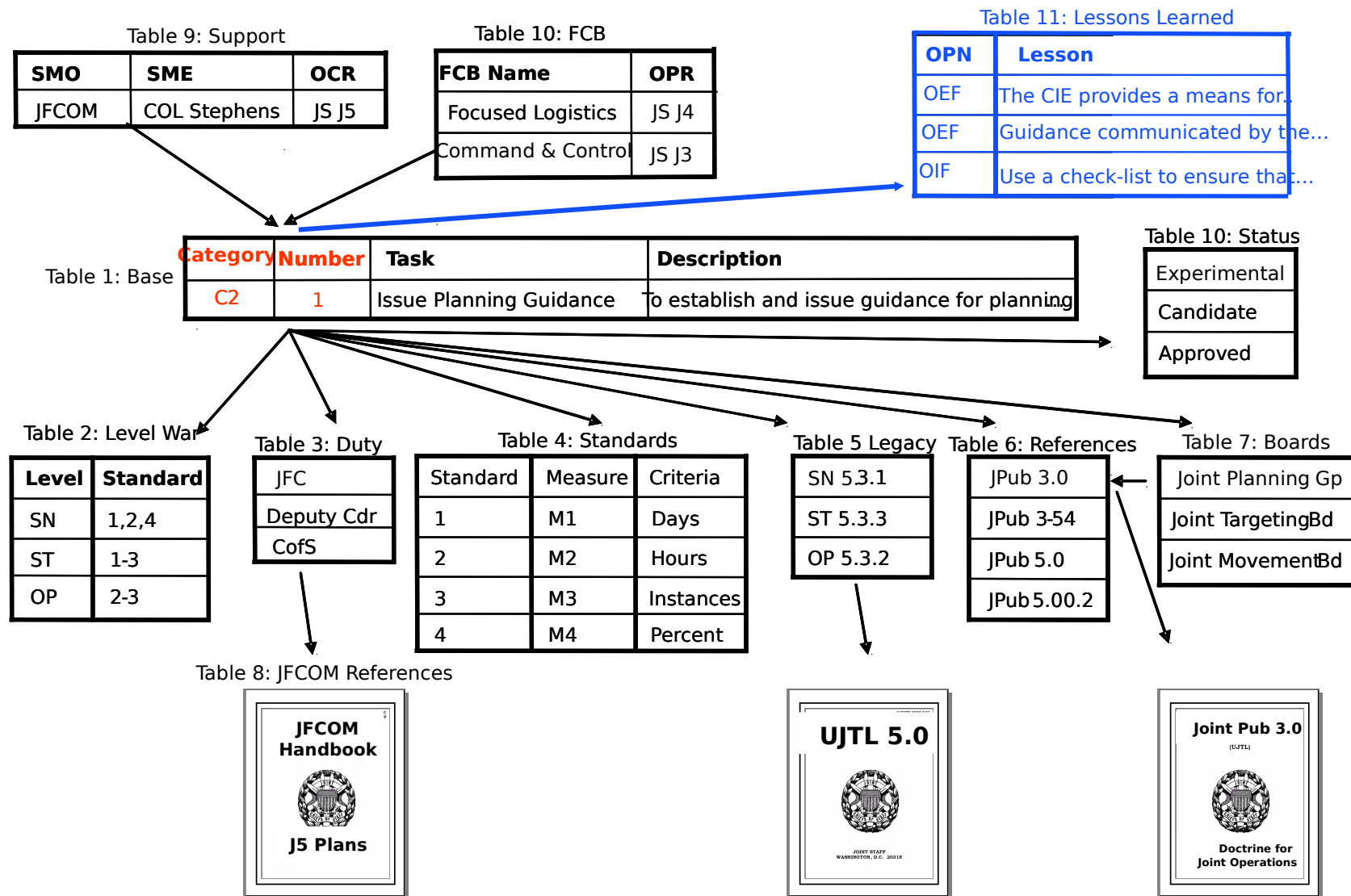
- **Two tasks with:**
 - **Common description**
 - **Near identical references**
 - **Use same procedures (Jpub 5-00.2)**
 - **Near identical measures/criterion**
- **Two tasks could be replaced with a single task: [Determine closure time](#)**
- **Belongs in Logistics functional category**

Metadata-tagging and UJTL 6.0

- **Expanding needs for the Defense community**
 - Reinforce use of a common language
 - Leverage automation to develop “user views” ... not restricted to traditional 2-D prescribed formats
- **Tag tasks to support user needs**
 - Tags are pieces of information stored in a stream that are not the content itself, but *describe* the content
 - Provides a means to retain legacy processes and support future requirements

“Tagging has the potential to change how we keep track of and discover things digital,...it could be our salvation as we attempt to sift through the growing clutter of data we are amassing,...” CNN.com, “Tagging,” May 2005.

Metadata-tagging and “linked lists”



Summary

- **The UJTL can provide the common language across Defense enterprise processes to ...**
 - Maintain focus on the COCOM Cdr as the primary consumer
 - Support the transformation to capabilities-based processes that will frame *Joint Lessons Learned*, JCIDS, DRRS, and JTS
- **Lessons learned database systems should use UJTL terminology to document lessons learned, and through a UJTL metadata-tag framework, it can ...**
 - Link lessons learned to a UJTL task
 - Relate lessons learned to JCIDs-based acquisition requirements
 - Align lessons learned with readiness assessments
 - Inform planners using UJTL tasks of the best “business practices” and lessons learned to plan and execute a UJTL task

Universal Joint Task List (UJTL)

29 June 2005

**Update ...and Metadata-tagging
approach**

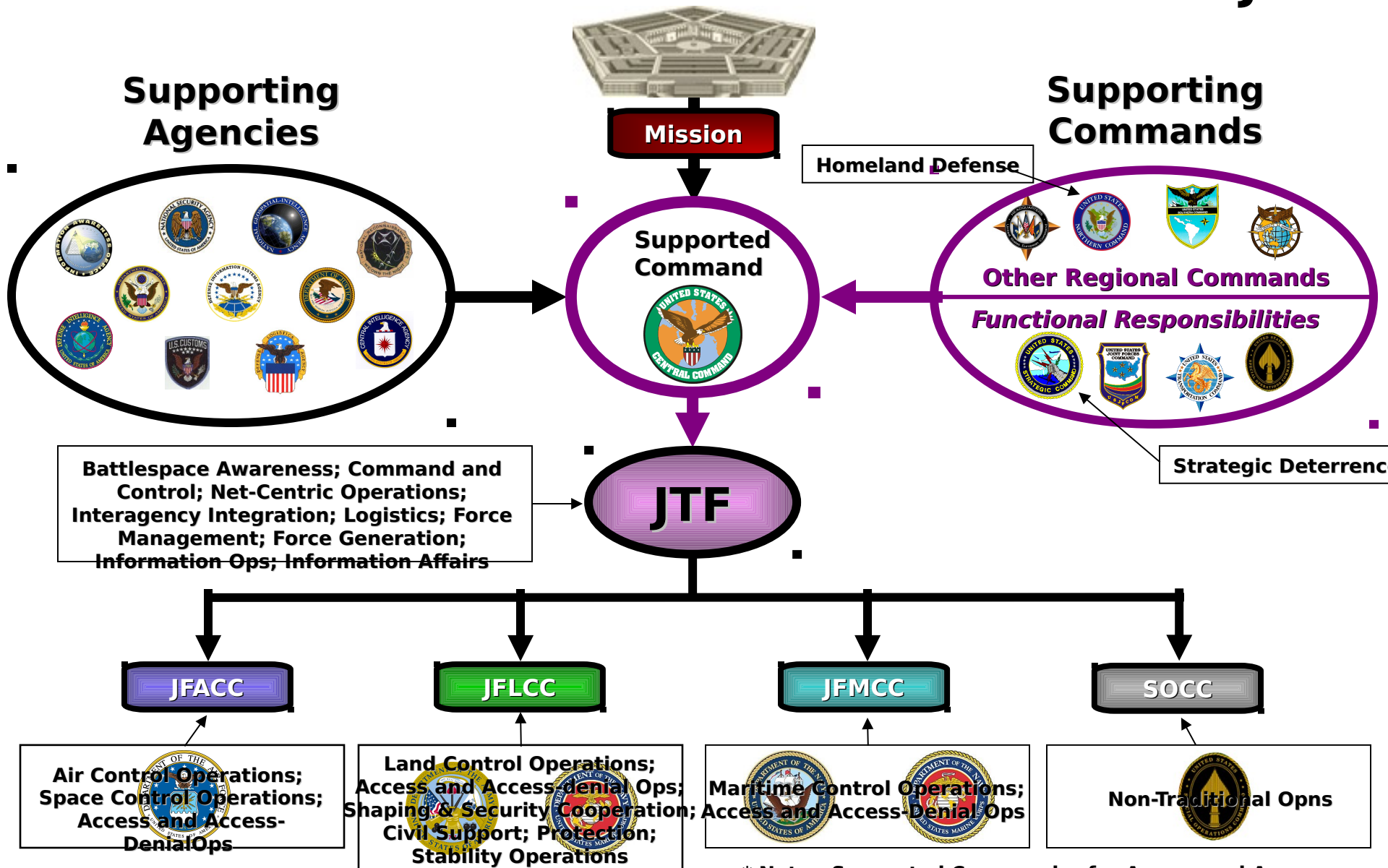
Chess Harris, 757-275-1052/676-8305 charris@camber.com

Back-ups

What are the right Terms?

- **Capability**: The ability to achieve a desired effect under specified standards and conditions through combinations of means and ways to perform a set of tasks.
- **Task**: An action or activity (derived from an analysis of the mission and concept of operations) assigned to an individual or organization to provide a capability.
- **Standard**: Quantitative or qualitative measures for [specifying] the levels of performance of a task.
- **Condition**: Variable of the operational environment including scenario that affects task performance.
- **CONOPS**: The overall picture and broad flow of tasks assigned to subordinates/supporting entities within a plan by which a commander maps capabilities to effects to accomplish the mission for a specific scenario.
- **Effect**: A change to a condition, behavior, or degree of freedom.
- **Endstate**: The set of conditions, behaviors, and freedoms that defines achievement of the commander's mission.
- **Mission**: The purpose (objectives and endstate) and tasks assigned to a commander.
- **Measure**: Provides the basis for describing varying levels of task performance.

Supporting COCOM Contributions to Selected JCAs



* Note: Supported Commander for Access and Access-denial may be Maritime, Ground or Air/Space Component;

UJTL...what's next?

Universal Capability List

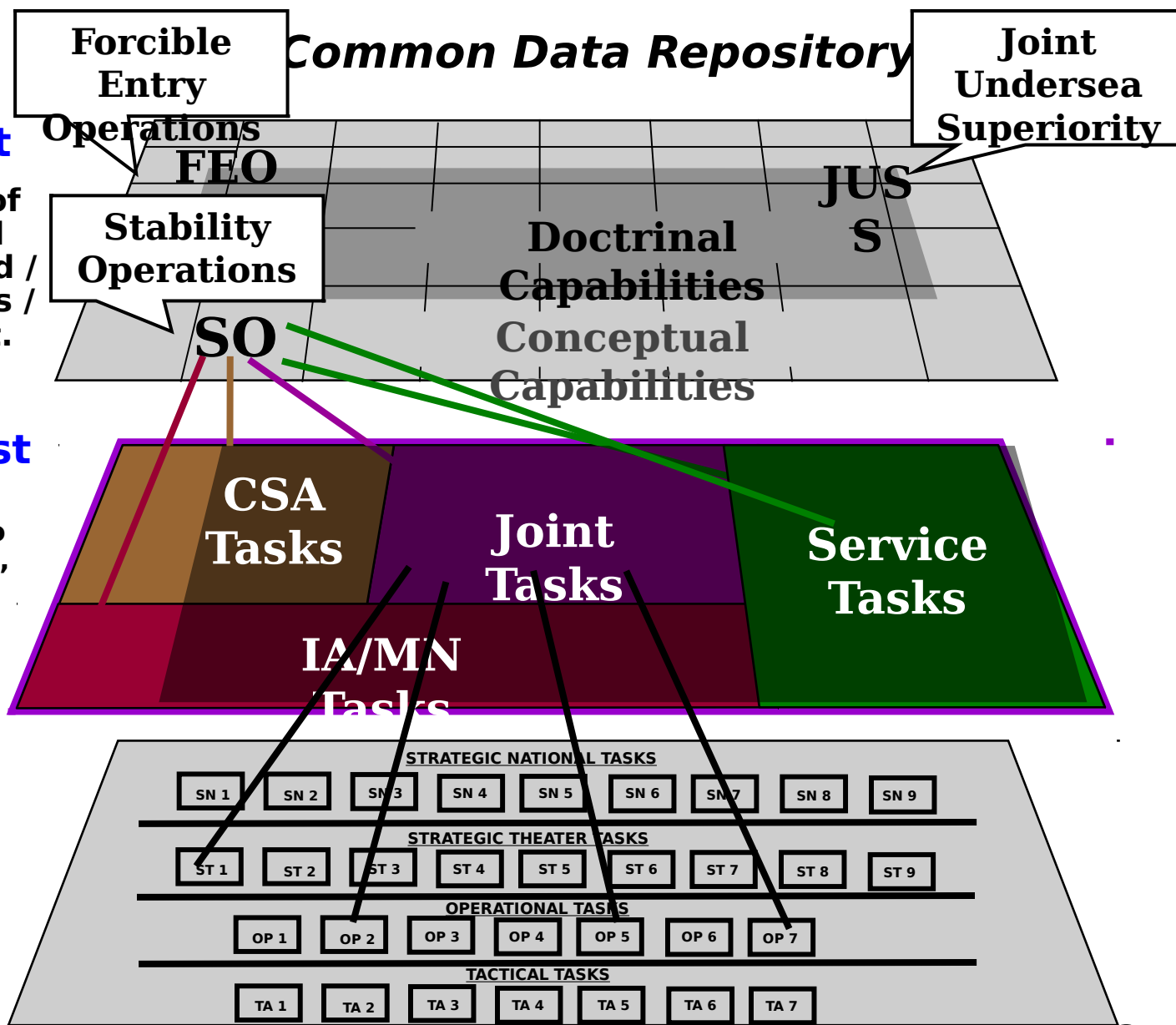
Master database of capabilities linked to current / planned / roadmapped Forces / Units / Equipment.

Universal Task List

Menu of tasks, conditions, and baseline standards; to include Joint, Service, CSA, Multinational, and Interagency tasks; horizontally and vertically integrated, and mapped to capabilities

UJTL

Common language and reference system for joint force commanders, combat support agencies, operational planners, combat developers, and trainers to communicate mission requirements



Nesting Core Concepts

